

Customer Number: 000959

Attorney's Docket No: MNI-074CP2

Declaration, Petition and Power of Attorney
for Continuation-in-Part Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

NOVEL POTASSIUM CHANNEL MOLECULES AND USES THEREFOR

the specification of which (check one)

☐ is attached hereto.

☒ was filed on April 28, 2000 as

Application Serial No. 09/561,763

and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

This application in part discloses and claims subject matter disclosed in my earlier filed application(s), as follows:

☐ Serial No. _____, filed _____;
Serial No. _____, filed _____, as to which I claim priority
benefit under Title 35, United States Code, §119(e).

☒ Serial No. 09/259,951, filed March 1, 1999;
Serial No. _____, filed _____, as to which I claim priority
benefit under Title 35, United States Code, §120.

☒ Serial No. 09/431,367, filed November 1, 1999;
Serial No. _____, filed _____, as to which I claim priority
benefit under Title 35, United States Code, §120.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56, including all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of the continuation-in-part application.

AS TO PARENT APPLICATION:

As to the subject matter of this application which is common to said earlier application, I do not know and do not believe that the same was ever known or used in the United States of America before my or our

invention thereof or patented or described in any printed publication in any country before my or our invention thereof, or more than one year prior to said earlier application, or in public use or on sale in the United States of America more than one year prior to said earlier application; that the common subject matter has not been patented or made the subject of an inventor's certificate issued before the date of said earlier application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to said earlier application; and

As to applications for patents or inventor's certificate or PCT international application(s) designating at least one country other than the United States of America, on the common subject matter, filed in or designating any country foreign to the United States of America, prior to said earlier application by me or my legal representatives or assigns,

Check one:

☒ no such applications have been filed.

☐ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO SAID EARLIER U.S. APPLICATION

Country	Application Number	Date of Filing (month,day,year)	Priority Claimed Under 35 USC 119
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

ALL FOREIGN APPLICATION(S), IF ANY, FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO SAID EARLIER U.S. APPLICATION

AS TO THIS APPLICATION:

As to the subject matter of this application which is not common to said earlier application, I do not know and do not believe that the same was ever known or used in the United States of America before my or our invention thereof or patented or described in any printed publication in any country before my or our invention thereof, or more than one year prior to this application, or in public use or on sale in the United States of America more than one year prior to this application; that said non-common subject matter has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application; and

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Country	Application Number	Date of Filing (month,day,year)	Priority Claimed Under 35 USC 119
PCT	PCT/US00/05409	March 1, 2000	<input checked="" type="checkbox"/> Yes No <input type="checkbox"/>
			<input type="checkbox"/> Yes No <input type="checkbox"/>

ALL FOREIGN APPLICATION(S), IF ANY, FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

CLAIM FOR BENEFIT OF U.S. PROVISIONAL APPLICATION(S)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

_____ (Application Serial No.)	_____ (Filing Date)
_____ (Application Serial No.)	_____ (Filing Date)

CLAIM FOR BENEFIT OF U.S. PATENT APPLICATION(S)

I hereby claim the benefit under 35 U.S.C. §120 of any United States patent application(s) listed below.

<u>09/259,951</u> (Application Serial No.)	<u>March 1, 1999</u> (Filing Date)
<u>09/431,367</u> (Application Serial No.)	<u>November 1, 1999</u> (Filing Date)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

W. Hugo Liepmann	Reg. No. 20,407	Catherine J. Kara	Reg. No. 41,106
James E. Cockfield	Reg. No. 19,162	Jeanne M. DiGiorgio	Reg. No. 41,710
Thomas V. Smurzynski	Reg. No. 24,798	Megan E. Williams	Reg. No. 43,270
Ralph A. Loren	Reg. No. 29,325	Nicholas P. Triano III	Reg. No. 36,397
Giulio A. DeConti, Jr.	Reg. No. 31,503	Peter C. Lauro	Reg. No. 32,360
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Elizabeth A. Hanley	Reg. No. 33,505	DeAnn F. Smith	Reg. No. 36,683
Amy E. Mandragouras	Reg. No. 36,207	William D. DeVaul	Reg. No. 42,483
Anthony A. Laurentano	Reg. No. 38,220	David J. Ridders	Reg. No. 43,882
Jane E. Remillard	Reg. No. 38,872	Chi Suk Kim	Reg. No. 42,728
Jeremiah Lynch	Reg. No. 17,425	Maria C. Laccotripe	Limited Recognition Under 37 C.F.R. § 10.9(b)
Kevin J. Canning	Reg. No. 35,470	Debra J. Milasincic	Reg. No. P46,931
David A. Lane, Jr.	Reg. No. 39,261		

all of: LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02109

and to: Jean M. Silveri Reg. No. 39,030

Mark F. Boshar Reg. No. 35,456

Scott A. Brown Reg. No. 32,724

Theodore Allen Reg. No. 41,578

Jill E. Uhl

Reg. No. 43,213

of: Millennium Pharmaceuticals, Inc., 75 Sidney Street, Cambridge, MA 02139

Send Correspondence to Amy E. Mandragouras at Customer Number 000959 whose address is:

Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109

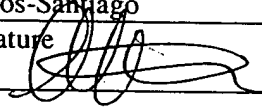
Direct Telephone Calls to: (name and telephone number)

Amy E. Mandragouras, (617) 227-7400

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	
Rory A.J. Curtis	
Inventor's signature	Date
Residence	
31 Constitution Drive, Southborough, Massachusetts 01772	
Citizenship	
U.S.	
Post Office Address (if different)	

Full name of second inventor	
Inmaculada Silos-Santiago	
Inventor's signature	Date
X 	12/11/00
Residence	
18 Hilliard Street, Cambridge, MA 02138	
Citizenship	
ES	
Post Office Address (if different)	

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As a below named inventor, I hereby declare that:

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☒ was filed on April 28, 2000 as

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(Application Serial No.)

(Filing Date)

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(Filing Date)

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09/259,951

(Application Serial No.)

March 1, 1999

(Filing Date)

09/431,367

(Application Serial No.)

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Ralph A. Loren	Reg. No. 29,325	Nicholas P. Triano III	Reg. No. 36,397
Giulio A. DeConti, Jr.	Reg. No. 31,503	Peter C. Lauro	Reg. No. 32,360
Ann Lamport Hammitte	Reg. No. 34,858	Timothy J. Douros	Reg. No. 41,716
Elizabeth A. Hanley	Reg. No. 33,505	DeAnn F. Smith	Reg. No. 36,683
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Anthony A. Laurentano	Reg. No. 38,220	David J. Rikkers	Reg. No. 43,882
Jane E. Remillard	Reg. No. 38,872	Chi Suk Kim	Reg. No. 42,728
Jeremiah Lynch	Reg. No. 17,425	Maria Laccotripe	Limited Recognition Under
		Zacharakis	37 C.F.R. § 10.9(b)
Kevin J. Canning	Reg. No. 35,470	Debra J. Milasincic	Reg. No. P46,931
David A. Lane, Jr.	Reg. No. 39,261		

all of: LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02109

and to: Jean M. Silveri	Reg. No. 39,030	Cynthia Kanik	Reg. No. 37,320
Mark F. Boshar	Reg. No. 35,456	Theodore Allen	Reg. No. 41,578
Scott A. Brown	Reg. No. 32,724	Jill E. Uhl	Reg. No. 43,213

of: Millennium Pharmaceuticals, Inc., 75 Sidney Street, Cambridge, MA 02139

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Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to: (name and telephone number)

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Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor
Rory A.J. Curtis
Inventor's signature
<i>X</i> <i>Rory Curtis</i>
Date
<i>X</i> <i>10/23/00</i>
Residence
31 Constitution Drive, Southborough, Massachusetts 01772
Citizenship
U.S.
Post Office Address (if different)

Full name of second inventor Immaculada Silos-Santiago	
Inventor's signature	Date
Residence 18 Hilliard Street, Cambridge, MA 02138	
Citizenship ES	
Post Office Address (if different)	

Attorney Docket No.: MNI-074CP2RCE (MPI99-025CP2RCEM)

THE "RECEIVED" STAMP OF THE PATENT AND TRADEMARK OFFICE IMPRINTED
HEREON ACKNOWLEDGES THE FILING OF:

Description of Paper* and No.: Revocation Transmittal (1 page); Revocation of Prior Powers of
Attorney and Appointment of New Power of Attorney (2 pages); Change of Attorney Docket Number
(1 page); and this return postcard.

Name of Applicant(s): Curtis, Rory A.J.

Intf. Or Serial No.: 09/561,763

Title: NOVEL POTASSIUM CHANNEL MOLECULES AND USES THEREFOR (TWIK-5)

Attorney/Agent: Kerri Pollard Schray

Date: April 9, 2003

*with Certificate of Express Mailing Label No. EK674856794US

MC Attorney Docket No.: MNI-074CP2RCE (MPI99-025CP2RCEM)

MA-10
THE "RECEIVED" STAMP OF THE PATENT AND TRADEMARK OFFICE IMPRINTED
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Description of Paper* and No.: Revocation Transmittal (1 page); Revocation of Prior Powers of
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Attorney/Agent: Kerri Pollard Schray

Date: April 9, 2003

*with Certificate of Express Mailing Label No. EK674856794US
JA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Curtis, Rory A.J.**
Application No.: **09/561,763** Group No.: **1646**
Filed: **April 28, 2000** Examiner: **Joseph F. Murphy**
For: **NOVEL POTASSIUM CHANNEL MOLECULES AND USES**
THEREFOR (TWIK-5)

Commissioner for Patents
Washington, D.C. 20231

REVOCATION TRANSMITTAL

1. Transmitted herewith for this application is:
 - a. Revocation of Prior Power of Attorney and Appointment of New Power of Attorney (2 pages); and
 - b. Change of Attorney Docket Number (1 page)
- STATUS**

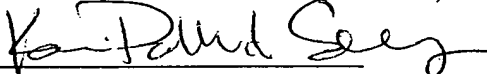
2. Applicant is other than a small entity.

FEE DEFICIENCY

3. If any additional extension and/or fee is required, charge Account No. 501668.
If any additional fee for claims is required, charge Account No. 501668.

April 9, 2003

MILLENNIUM PHARMACEUTICALS, INC.

By 
Kerri Pollard Schray
Registration No. 47,066
75 Sidney Street
Cambridge, MA 02139
Telephone - (617) 551-3676
Facsimile - (617) 551-8820

CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) and 1.10*

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

- ☒ deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

37 C.F.R. SECTION 1.8(a)

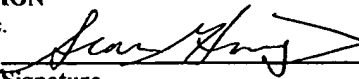
37 C.F.R. SECTION 1.10*

- ☐ with sufficient postage as first class mail.

- ☒ as "Express Mail Post Office to Addressee"
Mailing Label No. EK674856794US

TRANSMISSION

- ☐ transmitted by facsimile to the Patent and Trademark Office.


Signature

Date: April 9, 2003

Sean Hunziker
(type or print name of person certifying)

***WARNING:** Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. section 1.10(b). "Since the filing of correspondence under section 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Curtis, Rory A.J.
Application No.: 09/561,763 Group No.: 1646
Filed: April 28, 2000 Examiner: Joseph F. Murphy
For: NOVEL POTASSIUM CHANNEL MOLECULES AND USES
THEREFOR (TWIK-5)

Commissioner for Patents
Washington, D.C. 20231

REVOCATION OF PRIOR POWERS OF ATTORNEY
AND APPOINTMENT OF NEW POWER OF ATTORNEY

Dear Sir:

MILLENNIUM PHARMACEUTICALS, INC., the Assignee of the entire right, title and interest in the above-identified application by virtue of the Assignment document filed with the United States Patent and Trademark Office on January 9, 2001, at Reel 011438, Frame 0336 hereby revokes all Powers of Attorney with respect to that application heretofore granted and appoints the below listed attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office connected therewith.

CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) and 1.10*

I hereby certify that, on the date shown below, this correspondence is being:

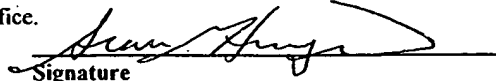
MAILING

☒ deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.
37 C.F.R. SECTION 1.8(a) 37 C.F.R. SECTION 1.10*

☐ with sufficient postage as first class mail. ☒ as "Express Mail Post Office to Address"
Mailing Label No. EK674856794US

TRANSMISSION

☐ transmitted by facsimile to the Patent and Trademark Office.


Signature

Date: April 9, 2003

Sean Hunziker
(type or print name of person certifying)

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Practitioner's Docket No. MNI-074CP2RCE (MPI99-025CP2RCEM)

Scott A. Brown, Reg. No. 32,724; Ian R. Silverman, Reg. No. 37,443; Jean M. Silveri, Reg. No. 39,030; Allan N. Kutzeno, Reg. No. 38,945; Janice M. Klunder, Reg. No. 41,121; Theodore R. Allen, Reg. No. 41,578; Kerri Pollard Schray, Reg. No. 47,066, Tracy M. Sioussat, Reg. No. 50,609; and Paul J. Paglierani, Reg. No. 52,498

all of Millennium Pharmaceuticals, Inc., 75 Sidney Street, Cambridge, Massachusetts 02139, United States of America.

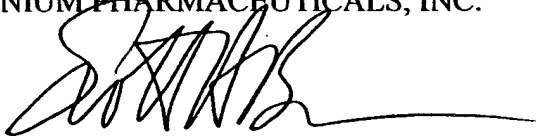
Please direct all future correspondence to:

Intellectual Property Group
MILLENNIUM PHARMACEUTICALS, INC.
75 Sidney Street
Cambridge, MA 02139

and direct all telephone calls to Jean M. Silveri at (617) 679-7336

MILLENNIUM PHARMACEUTICALS, INC.

By: _____



Typed Name: Scott A. Brown

Title: Vice President, Chief Patent Counsel

Dated: April 9, 2003

Practitioner's Docket N . MNI-074CP2RCE (MPI99-025CP2RCEM) PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Curtis, Rory A.J.
Application No.: 09/561,763 Group No.: 1646
Filed: April 28, 2000 Examiner: Joseph F. Murphy
For: NOVEL POTASSIUM CHANNEL MOLECULES AND USES
THEREFOR (TWIK-5)

Commissioner for Patents
Washington, D.C. 20231

CHANGE OF ATTORNEY DOCKET NUMBER

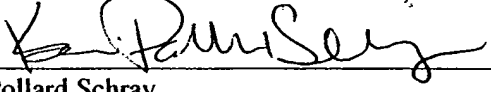
Dear Sir:

Please note that the Attorney Docket Number has been changed from
MNI-074CP2RCE to MPI99-025CP2RCEM. Please reference MPI99-025CP2RCEM on all future
correspondence.

Respectfully submitted,

April 9, 2003

MILLENNIUM PHARMACEUTICALS, INC.

By 
Kerri Pollard Schray
Registration No. 47,066
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Cambridge, MA 02139
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Sean Hunziker
(type or print name of person certifying)

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CURTIS, RORY A. J.

DOC DATE: 10/23/2000

ASSIGNOR:

SILOS-SANTIAGO, INMACULADA

DOC DATE: 12/11/2000

ASSIGNEE:

MILLENNIUM PHARMACEUTICALS, INC.
75 SIDNEY STREET
CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 09561763

PATENT NUMBER:

FILING DATE: 04/28/2000

ISSUE DATE:

PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



101591468

To the Honorable Commissioner of Patents and Trademarks, please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Rory A.J. Curtis
Inmaculada Silos-Santiago

1.9.01

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: October 23, 2000 and
December 11, 2000

2. Name and address of receiving party(ies)

Name: Millennium Pharmaceuticals, Inc.

Internal Address: _____

Street Address: 75 Sidney Street

City: Cambridge State: MA ZIP: 02139

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
09/561,763

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Amy E. Mandragouras, Esq.

Internal Address: Lahive & Cockfield, LLP

Street Address: 28 State Street

City: Boston State: MA ZIP: 02109

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

12-0080

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

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Danielle Fournette Conner
Notary Public
My commission expires: 10/21/2015

ASSIGNMENT

I, Inmaculada Silos-Santiago of Cambridge, MA, in consideration of One Dollar and other valuable consideration paid to me by

Millennium Pharmaceuticals, Inc.

a corporation of Delaware, having its principal place of business at 75 Sidney Street, Cambridge, MA 02139 the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Millennium Pharmaceuticals, Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

NOVEL POTASSIUM CHANNEL MOLECULES AND USES THEREFOR

described in an application

_____ executed by us of even date herewith and about to be filed

 X Serial No. 09/561,763 , filed on April 28, 2000

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And I agree, for myself and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this XII day of December , 2000.

By: X

Inmaculada Silos-Santiago

State of Massachusetts)

)ss

County of Middlesex)

Then personally appeared the above named Inmaculada Silos-Santiago and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 10 day of December , 2000.

Notary Public Danielle Jeannette Comeau

My commission expires: 10/21/2005